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 NEWS  2  Dec 17   The CA Lexicon available in the CAPLUS and CA files
 NEWS  3  Feb 06   Engineering Information Encompass files have new names
 NEWS  4  Feb 16   TOXLINE no longer being updated
 NEWS  5  Apr 23   Search Derwent WPINDEX by chemical structure
 NEWS  6  Apr 23   PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
 NEWS  7  May 07   DGENE Reload
 NEWS  8  Jun 20   Published patent applications (A1) are now in USPATFULL
 NEWS  9  JUL 13   New SDI alert frequency now available in Derwent's
                   DWPI and DPCI
 NEWS 10  Aug 23   In-process records and more frequent updates now in
                   MEDLINE
 NEWS 11  Aug 23   PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
 NEWS 12  Aug 23   Adis Newsletters (ADISNEWS) now available on STN
 NEWS 13  Sep 17   IMSworld Pharmaceutical Company Directory name change
                   to PHARMASEARCH
 NEWS 14  Oct 09   Korean abstracts now included in Derwent World Patents
                   Index
 NEWS 15  Oct 09   Number of Derwent World Patents Index updates increased
 NEWS 16  Oct 15   Calculated properties now in the REGISTRY/ZREGISTRY File
 NEWS 17  Oct 22   Over 1 million reactions added to CASREACT
 NEWS 18  Oct 22   DGENE GETSIM has been improved
 NEWS 19  Oct 29   AAASD no longer available

 NEWS EXPRESS  August 15 CURRENT WINDOWS VERSION IS V6.0c,
               CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
               AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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FILE 'HOME' ENTERED AT 12:46:45 ON 06 NOV 2001

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=> E DRUG DELIVERY
E1 2 DRUFTERS/BI
E2 4336667 DRUG/BI
E3 0 --> DRUG DELIVERY/BI
E4 1 DRUG0/BI
E5 1 DRUG1/BI
E6 1 DRUG2/BI
E7 1 DRUG5/BI
E8 1 DRUG5EFFECT/BI
E9 28 DRUGA/BI
E10 5 DRUGABILITY/BI
E11 5 DRUGABLE/BI
E12 2 DRUGABUSE/BI

=> S DRUG
L1 4711359 DRUG

=> S DELIVERY
L2 325070 DELIVERY

=> S L1 AND L2
L3 132623 L1 AND L2

=> S (DRUG OR COMPOUND) (W) DELIVERY
L4 92862 (DRUG OR COMPOUND) (W) DELIVERY

=> D 1

L4 ANSWER 1 OF 92862 BIOSIS COPYRIGHT 2001 BIOSIS
AN 2001:512575 BIOSIS
DN PREV200100512575
TI Clostridial hydrolytic enzymes degrading extracellular components.
AU Matsushita, Osamu (1); Okabe, Akinobu
CS (1) Department of Microbiology, Kagawa Medical University, Takamatsu: microbio@kms.ac.jp Japan
SO Toxicon, (November, 2001) Vol. 39, No. 11, pp. 1769-1780. print.
ISSN: 0041-0101.
DT General Review
LA English
SL English

=> S POLYSACCHARIDE POLYMER
L5 288 POLYSACCHARIDE POLYMER

=> S L4 AND L5
L6 6 L4 AND L5

=> D L6 1-6

L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 2001:319658 CAPLUS
DN 134:322072
TI Encapsulation of active material within polysaccharide or polymer hydrogel microbeads
IN Quong, Douglas
PA 3M Innovative Properties Company, USA
SO PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI WO 2001030145 A1 20010503 WO 2000-US27947 20001010
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-425636 A 19991022
RE.CNT 10
RE
(1) Anon; JP 04310233 A CAPLUS
(2) Anon; JP 04310233 A CAPLUS
(4) Kureha Chem Ind Co Ltd; JP 04310233 A 1992 CAPLUS
(5) Lee County Mosquito Control DI; WO 8912450 A 1989 CAPLUS
(6) Martinsen, A; BIOTECHNOLOGY AND BIOENGINEERING 1992, V39(2), P186 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 2000:401630 CAPLUS
DN 133:34450
TI Pharmaceutical compositions based on phospholipids and polymers
IN Leigh, Steven; Leigh, Mathew Louis Steven
PA Phares Pharmaceutical Research N.V., Neth. Antilles
SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000033817	A1	20000615	WO 1999-GB4070	19991208
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
GB 2344520	A1	20000614	GB 1998-27006	19981208
EP 1137402	A1	20011004	EP 1999-961183	19991208
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRAI GB 1998-27006 A 19981208
GB 1999-25365 A 19991027
WO 1999-GB4070 W 19991208
RE.CNT 6
RE
(1) BASF AG; DE 19531277 A 1997 CAPLUS
(2) Ciba-Geigy; EP 0181287 A 1986 CAPLUS
(4) Nippon Oils & Fats Co; JP 06-245719 A 1994 CAPLUS
(5) Phares Pharmaceutical Research NV; WO 9858629 A 1998 CAPLUS
(6) Tanabe Seiyaku Co; JP 07-291854 A CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 2000:335277 CAPLUS
DN 133:9149
TI Polymer grafting with polysaccharide synthases for coating biomaterial surfaces
IN Deangelis, Paul L.
PA The Board of Regents of the University of Oklahoma, USA
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent

LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000027437	A2	20000518	WO 1999-US26501	19991110
	WO 2000027437	A3	20000720		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	AU 2000016139	A5	20000529	AU 2000-16139	19991110
	EP 1129209	A2	20010905	EP 1999-958858	19991110

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRAI	US 1998-107929	P	19981111
	US 1999-283402	A	19990401
	WO 1999-US26501	W	19991110

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1999:690936 CAPLUS
DN 131:303394
TI Orally administrable compositions comprising cation crosslinked polysaccharide and a polymer digestible in the lower gastrointestinal tract
IN Tester, Richard Frank; Karkalas, John
PA Glasgow Caledonian University, UK
SO PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9953902	A1	19991028	WO 1999-GB1240	19990422

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	AU 9936182	A1	19991108	AU 1999-36182	19990422
	EP 1079810	A1	20010307	EP 1999-918147	19990422

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

PRAI	GB 1998-8595	A	19980422
	GB 1998-10375	A	19980514
	WO 1999-GB1240	W	19990422

RE.CNT 2
RE
(1) Ishmael, J; International Journal of Pharmaceutics 1995, V126, P161
(2) Pharmacaps Inc; EP 0243930 A 1987 CAPLUS

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1999:565920 CAPLUS
DN 131:165296
TI Therapeutic and prophylactic uses of negatively charged substituted disaccharides in infections by Neisseria gonorrhoeae
IN Navia, Manuel A.; Quinn, Thomas C.
PA The Althexis Company, USA; Usa, Secretary Department of Health and Human Services
SO PCT Int. Appl., 45 pp.

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     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND  DATE           APPLICATION NO.   DATE
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PI   WO 9943333          A1    19990902       WO 1999-US4432    19990226
         W:  AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
             KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
             MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
             TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
             ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
             CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9927982          A1    19990915       AU 1999-27982     19990226
PRAI US 1998-76314       A1    19980227
     WO 1999-US4432      W     19990226
RE.CNT  2
RE
(1) Bukh Meditec; EP 0640346 A1 1988 CAPLUS
(2) Koch; US 5538954 A 1996 CAPLUS

L6   ANSWER 6 OF 6  CAPLUS  COPYRIGHT 2001 ACS
AN   1999:286211  CAPLUS
DN   130:316656
TI   Osmotic drug delivery system
IN   Kettelhoit, Stefan; Kanikanti, Ranga-Rao; Brendel, Erich; Weisemann,
     Claus; Chantraine, Ernst; Eisele, Michael; Bosche, Patrick
PA   Bayer A.-G., Germany
SO   Ger. Offen., 10 pp.
     CODEN: GWXXBX
DT   Patent
LA   German
FAN.CNT 1
     PATENT NO.          KIND  DATE           APPLICATION NO.   DATE
     ---------------     ----  --------       ---------------   --------
PI   DE 19747261         A1    19990429       DE 1997-19747261  19971025
     WO 9921535          A1    19990506       WO 1998-EP6454    19981012
         W:  AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,
             KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
             MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
             TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
             FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
             CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9912278          A1    19990517       AU 1999-12278     19981012
     EP 1024793          A1    20000809       EP 1998-955434    19981012
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
     US 6294201          B1    20010925       US 2000-530158    20000425
PRAI DE 1997-19747261    A     19971025
     WO 1998-EP6454      W     19981012


=> D HIS

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     FILE 'BIOSIS, CAPLUS, MEDLINE' ENTERED AT 12:51:27 ON 06 NOV 2001
               E DRUG DELIVERY
L1       4711359 S DRUG
L2        325070 S DELIVERY
L3        132623 S L1 AND L2
L4         92862 S (DRUG OR COMPOUND) (W) DELIVERY
L5           288 S POLYSACCHARIDE POLYMER
L6             6 S L4 AND L5
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=> D L6 1-6 IBIB ABS

L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2001:319658 CAPLUS
DOCUMENT NUMBER: 134:322072
TITLE: Encapsulation of active material within polysaccharide or polymer hydrogel microbeads
INVENTOR(S): Quong, Douglas
PATENT ASSIGNEE(S): 3M Innovative Properties Company, USA
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001030145	A1	20010503	WO 2000-US27947	20001010

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-425636 A 19991022
AB A method of delivering active material, i.e., pheromones, mercaptan-contg. compds., herbicides, pesticides and pharmaceutical materials using microbeads comprising droplets of active material entrained in a hydrophilic matrix of polysaccharides or polymers is described. Compns. comprising the microbeads may be sprayable. The microbeads of the invention may be controllable by exposing the microbeads to high or low humidity or moisture. For example, hydrogel microbeads were prepd. contg. 20 g pheromone Z11-C14 acetate and 800 g Na alginate in presence of 1000 mM Ca2+ and 2 g Igepal CO-630 surfactant.
REFERENCE COUNT: 10
REFERENCE(S):
(1) Anon; JP 04310233 A CAPLUS
(2) Anon; JP 04310233 A CAPLUS
(4) Kureha Chem Ind Co Ltd; JP 04310233 A 1992 CAPLUS
(5) Lee County Mosquito Control DI; WO 8912450 A 1989 CAPLUS
(6) Martinsen, A; BIOTECHNOLOGY AND BIOENGINEERING 1992, V39(2), P186 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:401630 CAPLUS
DOCUMENT NUMBER: 133:34450
TITLE: Pharmaceutical compositions based on phospholipids and polymers
INVENTOR(S): Leigh, Steven; Leigh, Mathew Louis Steven
PATENT ASSIGNEE(S): Phares Pharmaceutical Research N.V., Neth. Antilles
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000033817	A1	20000615	WO 1999-GB4070	19991208

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,

SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

GB 2344520	A1	20000614	GB 1998-27006	19981208
EP 1137402	A1	20011004	EP 1999-961183	19991208

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.:	GB 1998-27006	A	19981208
	GB 1999-25365	A	19991027
	WO 1999-GB4070	W	19991208

AB The present invention relates to the prepn. of powder or solid compns. comprising single and double chain amphiphilic lipids in assocn. with polymers which harden them so that they can be comminuted into powder or granules. The compns. can act as carriers for biol. active compds. and can be administered to living organisms. Such a compn. may comprise a biol. active compd. and monoacyl and diacyl membrane lipid in assocn. with a polymer, said compn. being a solid that when stored in a glass container remains free flowing after 3 mo at 40 >C and 75 % relative humidity. The lipids may be selected from those which have GRAS (generally regarded as safe) status, e.g. enzyme-modified lecithin, and the polymer may be selected from natural **polysaccharide polymers**, starches and their derivs., cellulose and its derivs. and gelatins. For example, a solid formulation was prepd. contg. flurbiprofen, VP 200 (a lipid contg. 60% by wt. of monoacyl phosphatidylcholine and 40% phosphatidylcholine), and Eudragit in a ratio of 1:10:10, resp. The compn. may be filled into hard gelatin capsules or may be compressed into tablets.

REFERENCE COUNT: 6
REFERENCE(S):
(1) BASF AG; DE 19531277 A 1997 CAPLUS
(2) Ciba-Geigy; EP 0181287 A 1986 CAPLUS
(4) Nippon Oils & Fats Co; JP 06-245719 A 1994 CAPLUS
(5) Phares Pharmaceutical Research NV; WO 9858629 A 1998 CAPLUS
(6) Tanabe Seiyaku Co; JP 07-291854 A CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER:	2000:335277 CAPLUS
DOCUMENT NUMBER:	133:9149
TITLE:	Polymer grafting with polysaccharide synthases for coating biomaterial surfaces
INVENTOR(S):	Deangelis, Paul L.
PATENT ASSIGNEE(S):	The Board of Regents of the University of Oklahoma, USA
SOURCE:	PCT Int. Appl., 86 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000027437	A2	20000518	WO 1999-US26501	19991110
WO 2000027437	A3	20000720		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2000016139	A5	20000529	AU 2000-16139	19991110
EP 1129209	A2	20010905	EP 1999-958858	19991110

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.:

US 1998-107929	P	19981111
US 1999-283402	A	19990401
WO 1999-US26501	W	19991110

AB The present invention relates to methodol. for polymer grafting by a polysaccharide synthase and, more particularly, polymer grafting using the hyaluronate synthase from Pasteurella multocida . The present invention also relates to coatings for biomaterials wherein the coatings provide protective properties to the biomaterial and/or act as a bioadhesive. Such coatings could be applied to elec. devices, sensors, catheters and any device which may be contemplated for use within a mammal. The present invention further relates to **drug delivery** matrixes which are biocompatible and may comprise combinations of a biomaterial or a bioadhesive and a medicament or a medicament-contg. liposome. The biomaterial and/or bioadhesive is a hyaluronic acid polymer produced by a hyaluronate synthase from Pasteurella multocida . The present invention also relates to the creation of chimeric mols. contg. hyaluronic acid or hyaluronic acid-like chains attached to various compds. and esp. carbohydrates or hydroxyl contg. substances. The present invention also relates to a chondroitin synthase from Pasteurella multocida which is capable of producing **polysaccharide polymers** on an acceptor or primer mol.

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1999:690936 CAPLUS

DOCUMENT NUMBER: 131:303394

TITLE: Orally administrable compositions comprising cation crosslinked polysaccharide and a polymer digestible in the lower gastrointestinal tract

INVENTOR(S): Tester, Richard Frank; Karkalas, John

PATENT ASSIGNEE(S): Glasgow Caledonian University, UK

SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9953902	A1	19991028	WO 1999-GB1240	19990422
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9936182	A1	19991108	AU 1999-36182	19990422
EP 1079810	A1	20010307	EP 1999-918147	19990422
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.:

GB 1998-8595	A	19980422
GB 1998-10375	A	19980514
WO 1999-GB1240	W	19990422

AB Orally administrable compns. comprising cation cross-linked polysaccharides are provided. The compns. have the ability to mask the taste and delay the release of an active material included therein. A novel method for the prepn. of the compns. is also provided. The cation cross-linked polysaccharide is preferably selected from alginic acid and demethylated pectin and the compn. further comprises a digestible polymer, preferably chosen from starch, starch derivs., .alpha.-glucans, peptides and polypeptides. A dispersion of ibuprofen in 2% alginic acid soln. was extruded into soln. of 2% calcium chloride and the beads thus obtained were sped. and dried at 40.degree.. The bead contained 75% drug and 25% polysaccharides and were resistance to 0.1 M HCl and .alpha.-amylase.

REFERENCE COUNT: 2

REFERENCE(S): (1) Is[redacted]el, J; International Journal o[redacted]harmaceutics 1995, V126, P161
(2) Pharmacaps Inc; EP 0243930 A 1987 CAPLUS

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:565920 CAPLUS
DOCUMENT NUMBER: 131:165296
TITLE: Therapeutic and prophylactic uses of negatively charged substituted disaccharides in infections by Neisseria gonorrhoeae
INVENTOR(S): Navia, Manuel A.; Quinn, Thomas C.
PATENT ASSIGNEE(S): The Althexis Company, USA; Usa, Secretary Department of Health and Human Services
SOURCE: PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9943333	A1	19990902	WO 1999-US4432	19990226
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9927982	A1	19990915	AU 1999-27982	19990226

PRIORITY APPLN. INFO.: US 1998-76314 A1 19980227
WO 1999-US4432 W 19990226

AB The present invention relates to the compns. and methods of using neg. charged substituted disaccharides, e.g., sucrose octasulfate, or salts thereof alone or in combination with other agents, in treating or preventing infections by N. gonorrhoeae. A compn. for inhibiting infection of a cell by N. gonorrhoeae comprises (a) a neg. charged substituted disaccharide, sufficient to inhibit the infectivity by N. gonorrhoeae, and (b) one or more of an antibacterial agent selected from the group consisting of a DNA topoisomerase inhibitor, a protein synthesis inhibitor, a membrane transport inhibitor, and an anionic sulfated **polysaccharide polymer**. A neg. charged substituted disaccharide can be combined with a contraceptive agent to prevent conception and to inhibit infection by N. gonorrhoeae. A dramatic and immediate inhibitory effect of K sucrose octasulfate and sucralfate on the growth of N. gonorrhoeae was obsd. in vitro with the min. inhibitory concn. (MIC) of 0.00003 mg/mL, resp.

REFERENCE COUNT: 2
REFERENCE(S): (1) Bukh Meditec; EP 0640346 A1 1988 CAPLUS
(2) Koch; US 5538954 A 1996 CAPLUS

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:286211 CAPLUS
DOCUMENT NUMBER: 130:316656
TITLE: Osmotic **drug delivery** system
INVENTOR(S): Kettelhoit, Stefan; Kanikanti, Ranga-Rao; Brendel, Erich; Weisemann, Claus; Chantraine, Ernst; Eisele, Michael; Bosche, Patrick
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 10 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

DE 19747261	A1	19990429	DE 1997-19747261	19971025
WO 9921535	A1	19990506	WO 1998-EP6454	19981012
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9912278	A1	19990517	AU 1999-12278	19981012
EP 1024793	A1	20000809	EP 1998-955434	19981012
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
US 6294201	B1	20010925	US 2000-530158	20000425
PRIORITY APPLN. INFO.:			DE 1997-19747261 A	19971025
			WO 1998-EP6454 W	19981012

AB A single-chamber osmotic **drug delivery** system comprises a tablet contg. dihydropyridine active agent 15-35, xanthan 20-50, and vinylpyrrolidone/vinyl acetate copolymer 10-30, surrounded by a semipermeable membrane contg. a pore through which the tablet contents are slowly released. Permeation of water through the membrane causes dissoln. and swelling of the **polysaccharide-polymer** mixt.; the viscosity of this soln. decreases with increasing shear stress. This allows gradual, complete release of the dihydropyridine without rupture of the membrane which would cause premature, uncontrolled drug release. Thus, tablets for treatment of hypertension and coronary artery disease were prepd. contg. nifedipine 36.00, xanthan 50.96, vinylpyrrolidone/vinyl acetate copolymer 29.45, NaCl 28.71, NaHCO3 10.15, Na carboxymethylstarch 12.74, Aerosil 0.85, and Mg stearate 0.68 mg; the tablets were coated with a film contg. cellulose acetate 8.45 and PEG-3350 0.45 mg/tablet, in which a pore 800 .mu.m in diam. was bored.

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     (FILE 'HOME' ENTERED AT 12:46:45 ON 06 NOV 2001)

     FILE 'BIOSIS, CAPLUS, MEDLINE' ENTERED AT 12:51:27 ON 06 NOV 2001
               E DRUG DELIVERY
L1       4711359 S DRUG
L2        325070 S DELIVERY
L3        132623 S L1 AND L2
L4         92862 S (DRUG OR COMPOUND) (W) DELIVERY
L5           288 S POLYSACCHARIDE POLYMER
L6             6 S L4 AND L5

=> S LUNG (W) DELIVERY
L7           159 LUNG (W) DELIVERY

=> S L7 AND L4
L8            76 L7 AND L4

=> S L5 AND L8
L9             0 L5 AND L8

=> S POLYMERIC (W) CONSTRUCT
L10           15 POLYMERIC (W) CONSTRUCT

=> S L8 AND L10
L11            0 L8 AND L10

=> S L7 AND L10
L12            0 L7 AND L10

=> S OLYSACHARIDE
L13            0 OLYSACHARIDE
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=> S POLYSACHARIDE
L14          79 POLYSACHARIDE

=> S POLYSACCHARIDE
L15      129436 POLYSACCHARIDE

=> D HIS

     (FILE 'HOME' ENTERED AT 12:46:45 ON 06 NOV 2001)

     FILE 'BIOSIS, CAPLUS, MEDLINE' ENTERED AT 12:51:27 ON 06 NOV 2001
               E DRUG DELIVERY
L1       4711359 S DRUG
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L6             6 S L4 AND L5
L7           159 S LUNG (W) DELIVERY
L8            76 S L7 AND L4
L9             0 S L5 AND L8
L10           15 S POLYMERIC (W) CONSTRUCT
L11            0 S L8 AND L10
L12            0 S L7 AND L10
L13            0 S OLYSACHARIDE
L14           79 S POLYSACHARIDE
L15       129436 S POLYSACCHARIDE

=> S L7 AND L15
L16            1 L7 AND L15

=> D L16 ABS IBIB

L16  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2001 ACS
AB   Methods and formulations for delivery of macromols., such as proteins,
     polysaccharides, and nucleic acids, are disclosed, where the
     macromol. is dissolved or dispersed in a low toxicity org. solvent which
     can be aerosolized for delivery to a patient's lungs by inhalation.
     Optionally, appropriate soly. enhancers are also present in the
     formulations compn.
ACCESSION NUMBER:         2000:513486  CAPLUS
DOCUMENT NUMBER:          133:125304
TITLE:                    Nonaqueous solutions and suspensions of macromolecules
                          for pulmonary delivery
INVENTOR(S):              Klibanov, Alexander M.
PATENT ASSIGNEE(S):       Massachusetts Institute of Technology, USA
SOURCE:                   PCT Int. Appl., 12 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
     WO 2000042993      A2   20000727       WO 2000-US957    20000114
     WO 2000042993      A3   20001130
         W:  CA, JP
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
PRIORITY APPLN. INFO.:                  US 1999-116860   P  19990122
                                        US 1999-443716   A  19991119


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     (FILE 'HOME' ENTERED AT 12:46:45 ON 06 NOV 2001)

     FILE 'BIOSIS, CAPLUS, MEDLINE' ENTERED AT 12:51:27 ON 06 NOV 2001
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                E DRUG DELIVERY
L1       4711359 S DRUG
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L3        132623 S L1 AND L2
L4         92862 S (DRUG OR COMPOUND) (W) DELIVERY
L5           288 S POLYSACCHARIDE POLYMER
L6             6 S L4 AND L5
L7           159 S LUNG (W) DELIVERY
L8            76 S L7 AND L4
L9             0 S L5 AND L8
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L12            0 S L7 AND L10
L13            0 S OLYSACHARIDE
L14           79 S POLYSACHARIDE
L15       129436 S POLYSACCHARIDE
L16            1 S L7 AND L15

=> S L15 AND L4
L17         1641 L15 AND L4

=> S L17 AND L7
L18            1 L17 AND L7

=> D L18 ABS IBIB

L18  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2001 ACS
AB   Methods and formulations for delivery of macromols., such as proteins,
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     formulations compn.
ACCESSION NUMBER:         2000:513486  CAPLUS
DOCUMENT NUMBER:          133:125304
TITLE:                    Nonaqueous solutions and suspensions of macromolecules
                          for pulmonary delivery
INVENTOR(S):              Klibanov, Alexander M.
PATENT ASSIGNEE(S):       Massachusetts Institute of Technology, USA
SOURCE:                   PCT Int. Appl., 12 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
     ---------------   ----  --------      ---------------  --------
     WO 2000042993      A2   20000727      WO 2000-US957    20000114
     WO 2000042993      A3   20001130
         W:  CA, JP
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
PRIORITY APPLN. INFO.:                    US 1999-116860   P  19990122
                                          US 1999-443716   A  19991119


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     FILE 'BIOSIS, CAPLUS, MEDLINE' ENTERED AT 12:51:27 ON 06 NOV 2001
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L1       4711359 S DRUG
L2        325070 S DELIVERY
L3        132623 S L1 AND L2
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L5           288 S POLYSACCHARIDE POLYMER
L6             6 S L4 AND L5
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L8           76 S L7 AND L4
L9            0 S L5 AND L8
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L11           0 S L8 AND L10
L12           0 S L7 AND L10
L13           0 S OLYSACHARIDE
L14          79 S POLYSACHARIDE
L15      129436 S POLYSACCHARIDE
L16           1 S L7 AND L15
L17        1641 S L15 AND L4
L18           1 S L17 AND L7

=> D L3 AND L7
L7 IS NOT VALID HERE
For an explanation, enter "HELP DISPLAY".

=> S L7 AND L5
L19           0 L7 AND L5

=> S L3 AND L15
L20        1750 L3 AND L15

=>  S L4 AND L15
L21        1641 L4 AND L15

=> S L21 AND L7
L22           1 L21 AND L7

=> D L22 ABS IBIB

L22  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2001 ACS
AB   Methods and formulations for delivery of macromols., such as proteins,
     polysaccharides, and nucleic acids, are disclosed, where the
     macromol. is dissolved or dispersed in a low toxicity org. solvent which
     can be aerosolized for delivery to a patient's lungs by inhalation.
     Optionally, appropriate soly. enhancers are also present in the
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DOCUMENT NUMBER:          133:125304
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SOURCE:                   PCT Int. Appl., 12 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
     WO 2000042993      A2   20000727       WO 2000-US957    20000114
     WO 2000042993      A3   20001130
         W:  CA, JP
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
PRIORITY APPLN. INFO.:                  US 1999-116860   P  19990122
                                        US 1999-443716   A  19991119
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